

WHAT IS CLAIMED IS:

1. A method of fabricating electronic parts comprising the steps of:

- 5 (a) mounting electronic elements in regular cavities that are two-dimensionally arranged on a baseboard on which dummy cavities are provided so as to surround the regular cavities; and
- (b) covering a top of the baseboard with a  
10 resin sheet.

2. The method as claimed in claim 1, wherein the step (b) includes a step of supplying resin of the resin sheet to given dummy cavities having bottoms that  
15 are not metallized.

3. The method as claimed in claim 1, wherein the step (b) includes a step of placing the resin sheet on the top of the baseboard so as to cover the regular  
20 and dummy cavities and pressurizing the resin sheet while heating, so that the regular and dummy cavities can be hermetically sealed.

4. The method as claimed in claim 1, further  
25 comprising a step (c) of dividing the baseboard into separate electronic parts each of which includes one of the electronic elements in a corresponding one of the regular cavities.

30 5. The method as claimed in claim 1, wherein the dummy cavities are at least 150 µm away from regular cavities located at outermost positions.

35 6. The method as claimed in claim 1, wherein the dummy cavities are away from regular cavities located at outermost positions at a distance equal to that at which the regular cavities are two-

dimensionally arranged.

7. The method as claimed in claim 1, wherein  
the dummy cavities are away from regular cavities  
5 located at outermost positions at a distance equal to  
or longer than a gap between sidewalls of the regular  
cavities and the electronic elements in the regular  
cavities.

10 8. The method as claimed in claim 1, wherein  
the dummy cavities are arranged in rows and columns of  
a two-dimensional arrangement of the regular cavities.

15 9. The method as claimed in claim 1, wherein  
each of the dummy cavities, is arranged common to at  
least two rows and columns of a two-dimensional  
arrangement of the regular cavities.

20 10. The method as claimed in claim 1, wherein  
the dummy cavities make a single groove that totally  
surrounds a two-dimensional arrangement of the regular  
cavities.

25 11. The method as claimed in claim 1, wherein  
the dummy cavities are at least 50  $\mu\text{m}$  deep.

30 12. The method as claimed in claim 1, further  
comprising a step of attaching a wiring board to a  
backside of the baseboard so that terminals on the  
wiring boards are electrically connected to terminals  
in the regular cavities by via interconnections  
provided in the baseboard.

35 13. The method as claimed in claim 1, wherein  
the electronic elements are surface acoustic wave  
filter chips, and the electronic parts are surface  
acoustic wave devices.

14. A baseboard used for electronic parts sealed with resin comprising:

5 regular cavities that can house electronic elements and are two-dimensionally arranged; and dummy cavities arranged so as to surround the regular cavities.

10 15. The baseboard as claimed in claim 14, wherein no metallization is provided to bottoms of the dummy cavities.

15 16. The baseboard as claimed in claim 14, wherein the dummy cavities are at least 150 µm away from regular cavities located at outermost positions.

20 17. The baseboard as claimed in claim 14, wherein the dummy cavities are away from regular cavities located at outermost positions at a distance equal to that at which the regular cavities are two-dimensionally arranged.

25 18. The baseboard as claimed in claim 14, wherein the dummy cavities are away from regular cavities located at outermost positions at a distance equal to or longer than a gap between sidewalls of the regular cavities and the electronic elements in the regular cavities.

30 19. The baseboard as claimed in claim 14, wherein the dummy cavities are arranged in rows and columns of a two-dimensional arrangement of the regular cavities.

35 20. The baseboard as claimed in claim 14, wherein each of the dummy cavities is arranged common to at least two rows and columns of a two-dimensional

arrangement of the regular cavities.

21. The baseboard as claimed in claim 14,  
wherein the dummy cavities make a single groove that  
5 totally surrounds a two-dimensional arrangement of the  
regular cavities.

22. The baseboard as claimed in claim 14,  
wherein the dummy cavities are at least 50  $\mu\text{m}$  deep.

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23. The baseboard as claimed in claim 14,  
wherein the baseboard has a backside to which a wiring  
board is attached so that terminals on the wiring  
boards are electrically connected to terminals in the  
15 regular cavities by via interconnections provided in  
the baseboard.

24. The baseboard as claimed in claim 14,  
wherein the electronic elements are surface acoustic  
20 wave filter chips, and the electronic parts are surface  
acoustic wave devices.